



THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015
TCE-III

S.No	One credit course need analysis sheet	
1.	Name of the Course	INDUSTRIAL DRIVES & Automation
2.	Name of the Industry	R.S.P. Control projects Pvt Ltd.
3.	Name of the SIG associated with	power Electronics & drives
4.	Motivation for offering the course	
4.1	Feedback (If yes, Details of the feedback as per the annexure I)	
	From Recruiter	Y/N
	From Employer	Y/ N
	From Alumni	Y/ N
	From Academic Council members	Y/N
	From Board of Studies members	Y/N
	From Senior students	Y/N
	From current students	Y/N
	From Performance Assessment Committee	Y/N
	From Department Advisory committee	Y/N
4.2	Faculty participation in Seminar/FDP (If yes, details)	
	At higher learning institutes	
	At Industry	
5.	Outcomes expected	
	Technology transfer	✓
	Student Internship	
	Placement	
	Organizing FDP/seminar at TCE	
	Collaborative research/consultancy projects	
	Faculty as Trainee/Trainer in the Industry	
	Joint publications	
	Setting up of Lab/Infrastructure	✓



THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015

TCE-III

Course Schedule

Name of the Course: Industrial Drives & Automation
 Name of the Industry: R.S.P. Contact project pvt Ltd
 Name of the Expert: Mr. A. Karthik Rajan.
 Number of Students enrolled:
 Name of the Faculty: Mr. M. Ramkumar
 Date/Time/Venue: 24th & 25th March 2018
 EEE Seminar Hall.

Date	Time	Topics	Remarks
Day1 24.3.2018	9.30 to 5.00 pm	Two quadrant & four quadrant operation of a motor speed-torque requirement in Various Application	
Day2 25.3.2018	9.30 to 5.00 pm	AC-DC Motor Comparison Various Industrial Applications drives. Analog & Digital Drives	

Experimental performance evaluation of 6RA 70 DC Drives.

M. Ramkumar
 Signature of the Faculty coordinator

Thiagarajar College of Engineering, Madurai-15
 (A Govt. Aided ISO 9001:2008 Certified Autonomous Institution affiliated to Anna University)

Department of Electrical and Electronics Engineering

One credit course on "14EE1V0- Industrial Drives and Automation" Schedule

Resource Person : Mr. A. Karthikrajan, Director – Operations,
 R S P Control Projects Pvt Ltd, Chennai.

Dates : 24.03.18 & 25.03.18

Duration : 14 hours

Registered students : 75 Students

Day 1 (24.03.2018)

Introduction	2Q/4Q operation in DC & AC motor	AC & DC drives	Intro to siemens make DC & AC drives	Torque - speed requirements in various applications	Intro to various industrial applications	Motor torque - power calculations and drive selection
9-10A.M	10-11A.M	11.15A.M -12.15PM	12.15-1.15PM	2-3PM	3.15-4.15PM	4.15-5.15P.M

Day 2 (25.03.2018)

Study of siemens 6RA70 dc drive - theory				Practical on a trainer kit		
9-10A.M	10-11A.M	11.15A.M -12.15PM	12.15-1.15PM	2-3PM	3.15-4.15PM	4.15-5.15P.M


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Course Instructor Feedback for One/Two credit course

TCE-III

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 Name of the Industry: R.S.P. Control project Pvt Ltd
 Name of the Expert: Mr. A. Karthikrajyan.
 Date/Time/Venue:

24th & 25th March 2018
 EEE Seminar Hall

	Comments
Student attendance	80%.
Level of the students in understanding the concepts	Good
Any suggestions regarding new content to be included as Prerequisites/Special electives	- NIL -
Hall/Lab arrangements	Good
Hospitality	Good

Signature of Head of the Department



THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI 625 015.
Department of Electrical and Electronics Engineering

One credit course on
14EE1V0 Industrial Drives and Automation
Semester: VI EEE (A) - Attendance

S.NO	REG NO	NAME OF THE STUDENT	24.03.2018(FN)	24.03.2018(AN)
1.	15E002	Afroze Ahamed A	<i>[Signature]</i>	<i>[Signature]</i>
2.	15E003	AjilNikesh V	<i>[Signature]</i>	<i>[Signature]</i>
3.	15E005	Alagupriya R	R. Alagupriya	R. Alagupriya
4.	15E007	Archana K	Archana	Archana
5.	15E008	ArunkumarS	Arunkumar S	Arunkumar S
6.	15E009	Aswanth S	Aswanth S	Aswanth S
7.	15E010	Barakath Nisa A	A. Barakathnisa	A. Barakathnisa
8.	15E011	Bharathimaran R	R. Bharathi	R. Bharathi
9.	15E013	Christhu Rajj	J. Christhu	J. Christhu
10.	15E014	Dhana LakshmiC	C. Dhana lakshmi	C. Dhana lakshmi
11.	15E015	DhatchayeniR	R. Dhatchayeni	R. Dhatchayeni
12.	15E016	Divya BalasundariS	S. Divya Balasundari	S. Divya Balasundari
13.	15E017	Divya S	S. Divya	S. Divya
14.	15E018	Felcia DevadharshiniD	Felcia	Felcia
15.	15E020	Gausaliya C	C. Gausaliya	C. Gausaliya
16.	15E021	Gautham KumarS	S. Gauthamkumar	S. Gauthamkumar
17.	15E022	Gowtham R	Gowtham R	Gowtham R
18.	15E024	HariHara Prasath M	M. Hariharan	M. Hariharan
19.	15E025	HariHaraa Prabu S	S. Hariharan	S. Hariharan
20.	15E026	HaribaskerS	S. Haribasker	S. Haribasker
21.	15E027	Harinee R K	R. Harinee	R. Harinee
22.	15E028	Haritha P	P. Haritha	P. Haritha
23.	15E029	Inbavanan M	M. Inbavanan	M. Inbavanan
24.	15E030	Indhuja G.V	G.V. Indhuja	G.V. Indhuja
25.	15E031	Ishwarya I	I. Ishwarya	I. Ishwarya
26.	15E032	Ishwaryah P	P. Ishwaryah	P. Ishwaryah
27.	15E033	Jacintha C	C. Jacintha	C. Jacintha
28.	15E035	Jayapriya M	M. Jayapriya	M. Jayapriya
29.	14E36	Hidangmayum Nivash Sharma	N. Sharm	N. Sharm

30	15E036	KanimozhiA	A. Dam	A. Dam
31	14E37	Hijam Arbind Meetei	H. Arbind	H. Arbind
32	15E037	KarthickRaja M		
33	14E38	Iswarya K	I. K	I. K
34	15E038	KarthickS	S. Karthick	S. Karthick
35	15E041	KathirvelM	M. Kathir	M. Kathir
36	15E042	Keerthana M	M. Keerthana	M. Keerthana
37	15E043	Keerthana R	R. Keerthana	R. Keerthana
38	15E044	Kishore LalO E	K. Lal	K. Lal
39	15E045	Kowsalya K	K. Kowsalya	K. Kowsalya
40	15E046	Kowsika R	R. Kowsika	R. Kowsika
41	15E048	Krithiga Meena B	B. Meena Krithiga	B. Meena Krithiga
42	15E049	MalathiE	E. Malathi	E. Malathi
43	15E050	Manikandan R	R. Manikandan	R. Manikandan
44	15E051	Manisha A	A. Manisha	A. Manisha
45	15E052	Matthew Buckle A	A. Buckle	A. Buckle
46	15E053	Meera K	K. Meera	K. Meera
47	15E054	Mithra N	N. Mithra	N. Mithra
48	15E055	Mohamed Shajith K.A	K.A. Shajith	K.A. Shajith
49	15E056	Moulisharma G	G. Moulisharma	G. Moulisharma
50	15E057	MuraliManoharS	S. Murali	S. Murali
51	15E059	MuthumariR	R. Muthumari	R. Muthumari
52	15E060	Nagarajasree R.J	J. Nagarajasree	J. Nagarajasree
53	15E061	Naveen Krishna S	S. Naveen Krishna	S. Naveen Krishna
54	15E062	NaveenchandarS	S. Naveenchandar	S. Naveenchandar
55	15E064	Pavithiran V		
56	15E077	RamkumarN		
57	15E083	SamjiEmerson J		
58	15E086	Sanoferi	J. Sanoferi	J. Sanoferi
59	15E109	SurajMayengbam	M. Suraj	M. Suraj
60	15E122	AkilandeswariK.N	N. Akilandeswari	N. Akilandeswari
61	15E123	Aravind K		
62	15E125	Dinesh C	C. Dinesh	C. Dinesh
63	15E127	Ganapathy S	S. Ganapathy	S. Ganapathy
64	15E132	Maulieshwaran R	R. Maulieshwaran	R. Maulieshwaran

65	14E134	KarthickR	Handwritten	Handwritten
66	15E135	MuthulakshmiM	M. Muthulakshmi	M. Muthulakshmi
67	15E136	Neveatha C	C. Neveatha	C. Neveatha
68	15E137	OHM Vignesh V	V. Vignesh	V. Vignesh
69	15E138	Priyanka T	T. Priyanka	T. Priyanka
70	15E139	RamkumarS	S. Ramkumar	S. Ramkumar
71	15E140	Santhosh S	S. Santhosh	S. Santhosh
72	15E141	Sathya Narayanan C.J	C.J. Sathya Narayanan	C.J. Sathya Narayanan
73	15E142	SivahariManthram J	J. Sivahari Manthram	J. Sivahari Manthram
74	15E143	Sukumaran K	K. Sukumaran	K. Sukumaran
75	15E144	Suman M	M. Suman	M. Suman

M. R. [Signature]



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22.	15E028	Haritha P	[Signature]	[Signature]
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44	15E051	Manisha A	A. Manisha	A. Manisha
45	15E052	Matthew Buckle A	A. Matthew Buckle	A. Matthew Buckle
46	15E053	Meera K	K. Meera	K. Meera
47	15E054	Mithra N	N. Mithra	N. Mithra
48	15E055	Mohamed Shajith K.A	K.A. Shajith Mohamed	K.A. Shajith Mohamed
49	15E056	Moulisharma G	G. Moulisharma	G. Moulisharma
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53	15E061	Naveen Krishna S	S. Krishna Naveen	S. Krishna Naveen
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71	15E140	Santhosh S	<i>[Signature]</i>	<i>[Signature]</i>
72	15E141	Sathya Narayanan C.J	<i>[Signature]</i>	<i>[Signature]</i>
73	15E142	SivahariManthram J	J. Sivahari	J. Sivahari
74	15E143	Sukumaran K	K. Sukumar	K. Sukumar
75	15E144	Suman M	M. Suman	M. Suman

[Signature]